SRO 33/100

kV dependent max mA values for exposure times ≤ 100ms in combination with Optimus 65kW

kV	SF [µA]	LF [µA]	kV	SF [µA]	LF [µA]	kV	SF [µA]	LF [µA]	kV	SF [µA]	LF [µA]
40	200000	581000	70	394000	900000	**100**	**300000**	**650000**	130	230769	500000
41	207600	603200	71	399652	900000	101	297029	643564	131	229007	496183
42	215200	625400	72	405304	900000	102	294117	637254	132	227272	492424
43	222800	647600	73	410958	890410	103	291262	631067	133	225563	488721
44	230400	669800	74	405405	878378	104	288461	625000	134	223880	485074
45	238000	692000	75	400000	866666	105	285714	619047	135	222222	481481
46	245800	714800	76	394736	855263	106	283018	613207	136	220588	477941
47	253600	737600	77	389610	844155	107	280373	607476	137	218978	474452
48	261400	760400	78	384615	833333	108	277777	601851	138	217391	471014
49	269200	783200	79	379746	822784	109	275229	596330	139	215827	467625
50	277000	806000	80	375000	812500	110	272727	590909	140	214285	464285
51	284800	829000	81	370370	802469	111	270270	585585	141	212765	460992
52	292600	852000	82	365853	792682	112	267857	580357	142	211267	457746
53	300400	875000	83	361445	783132	113	265486	575221	143	209790	454545
54	308200	898000	84	357142	773809	114	263157	570175	144	208333	451388
55	316000	900000	85	352941	764705	115	260869	565217	145	206896	448275
56	323200	900000	86	348837	755813	116	258620	560344	146	205479	445205
57	330400	900000	87	344827	747126	117	256410	555555	147	204081	442176
58	337600	900000	88	340909	738636	118	254237	550847	148	202702	439189
59	344800	900000	89	337078	730337	119	252100	546218	149	201342	436241
60	352000	900000	90	333333	722222	120	250000	541666	150	200000	433333
61	356400	900000	91	329670	714285	121	247933	537190			
	360800	900000	92	326086	706521	122	245901	532786			
	365200	900000	93	322580	698924	123	243902	528455			
	369600	900000	94	319148	691489	124	241935	524193			
	374000	900000	95	315789	684210	125	240000	520000			
	378000	900000	96	312500	677083	126	238095	515873			
	382000	900000	97	309278	670103	127	236220	511811			
	386000	900000	98	306122	663265	128	234375	507812			
	390000	900000	99	303030	656565	129	232558	503875			

These are the default values of the tube data file TUBE_R2.TDL or TUBE_R3.TDL.
Typically there are no changes after adaptation except there are reductions due to the max generator power (Optimus 50kW = 650mA max; Optimus 65 = 900mA max) or if the filament does not have its full emission anymore (e.g. from shorted filament loops).
The red marked emission current values (at 73kV SF and 55kV LF) are the max emission currents at a kV value from which on the filament current can be reduced to achieve its max load performance.